

ABSTRACT

*sub a 2* Method and apparatus for generating a reference signal includes parsing one or more input signals into a plurality of split signals in accordance with a predetermined criteria, generating split reference signals for each of at least two of the split signals, and combining a plurality of the split reference signals into a single reference signal. Multiple reference signals may be generated by multiple pluralities of split reference signals. The predetermined criteria may include band-split filtering, and the output signals may be used for equalization, among other applications.